

Title (en)

Prefabricated element structure and attachment accessories, process for obtaining and use thereof

Title (de)

Vorgefertigte Elementstruktur und Befestigungs-Zubehör, Verfahren zu ihrem Erhalt und Verwendung davon

Title (fr)

Structure d'élément préfabriqué et accessoires de fixation, procédé pour l'obtenir et l'utiliser

Publication

**EP 2460950 A2 20120606 (EN)**

Application

**EP 11009587 A 20111205**

Priority

PT 10541710 A 20101203

Abstract (en)

The present invention refers to a structure for swimming pools, with prefabricated elements, engaged and reinforced with each other, essentially with mortar composed of inert, additive, binder, fiber and coloring materials imbedded in the mortar, preferably built from the ground level, and to a process for obtaining thereof. The present structure consists of prefabricated elements and attachment means, comprising pillars (1) with a metal shoe (6) previously attached to the pillar (1) during manufacture, the pillar being topped with a metal cap (7, 8) also attached to the pillar (1) during manufacture, and the metal profile (49 and 50) being attached to the pillar (1) through screw and bushing, having a fit finishing profile to hide the screw heads used to attach the metal profiles (49) to the pillar (1), which are attached to the ground and which form the perimeter of the swimming pool using a guide (9), and wherein the pillars are flanked with beams (3) (34) (22) (21), each being stacked one on top of the other. All pre-fabricated elements, composed of mortar, provide a deck-like finishing, imitation of wood or rehabilitated natural stone, with the placement of a panel for skimmer (20) attachment, whose set is tighten by a border (4, 47).

IPC 8 full level

**E04H 4/00** (2006.01)

CPC (source: EP)

**E04H 4/0062** (2013.01); **E04H 4/0087** (2013.01)

Citation (applicant)

WO 2004072411 A1 20040826 - LERMITE JEAN [FR], et al

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2460950 A2 20120606**; PT 105417 A 20120604; PT 105417 B 20140129

DOCDB simple family (application)

**EP 11009587 A 20111205**; PT 10541710 A 20101203